Curriculum Vitae

Lee E. Marchessault

Bachelor of Science
Certified Utility Safety Administrator
Certified Utility Safety Professional
Licensed Electrician

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P.O. Box 1531
Williston, VT 05495
802-288-9441
Wwwworkplacesafetysolutions.com

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General Information

Lee E. Marchessault
Founder and President
Workplace Safety Solutions, Inc.

Business Address

Mailing:
P.O. Box 1531
Williston, VT 05495

Phone: 802-288-9441
Mobile: 802-598-8442
Email: lee@workplacesafetysolutions.com
Web Site: www.workplacesafetysolutions.com

Summary Biography

Mr. Marchessault has more than 40 years' experience in the electric industry including approximately 20 years working in various electric utility fields and attaining top positions including Power Plant Operator, Meter Specialist and Electrician 1st Class A [high voltage] before becoming the Safety Manager, then EHS Manager for the Utility. Now, as a Safety Consultant with more than 20 years of regulatory responsibility, he specializes in OSHA regulations in General Industry and Construction, and electrical safety requirements for both areas. Mr. Marchessault develops procedures, written programs, and training programs to meet Occupational Safety & Health (OSHA), Environmental Protection Agency (EPA) and Department of Transportation (DOT) hazardous materials regulations. Specialty practices include electrical safety in all industries (e.g., utility, general industry, and construction) with experience from low voltage controls, to high voltage transmission systems. Mr. Marchessault continues education to maintain his Electrician License VT #EJ-2793 as well as instructor and professional certifications as listed in this CV. He is trained and has investigated electrical injuries and served as an expert witness in litigations regularly. Mr. Marchessault has written numerous articles in national publications and has been a speaker at more than 40 national or international safety conferences since 1997.

Present Employment

Workplace Safety Solutions, Inc.
Founder and President, January 2002 – present

Assist businesses in general industry and construction to comply with OSHA 29 CFR 1910 and 1926, EPA 40 CFR Part 260 *et seq* and DOT 49 CFR 170 *et seq* regarding hazardous materials compliance, environmental/waste management compliance and health and safety compliance. Services have included:

- Performed audits of personnel safe work practices, facilities, written programs, training and other requirements. Conducted risk assessments related to all hazards in the workplace including audiometric, atmospheric, electrical arc flash hazards, or kinetic sources. Provided written reports including findings, assign risk levels and suggest recommendations for corrective action.

- Developed written programs to comply with regulatory requirements as identified in the audit. Written programs may include but are not limited to Hearing Conservation, Respiratory Protection, Electrical Safety (including required demonstrations of understanding on low, medium and high voltage equipment), Bloodborne Pathogens, Emergency Response and Evacuation, Confined Space, Control of Hazardous Energy ("Lockout/Tagout"), and Hazard Communication (HAZCOM). See section 4 for WSSI course offerings.

- Developed and conducted training programs complying with associated OSHA, DOT and EPA regulations and related topics including written programs previously listed. Training is conducted using multimedia power point presentations in conjunction with exercises, hands-on equipment, field demonstrations, worksheets, and tests.

- Performed specialty work related to electrical safety including arc flash analysis and coordination studies. This requires data collection of the electrical infrastructure on-site and supplying data to Electrical Engineers.

- Conducted incident investigations and root cause analyses related to injuries, close-call mishaps ("near misses"), or property damage to determine causal factors and root cause. A detailed report is completed to assist with implementation of recommended corrective actions.

- Assisted clients with contracted outside services to ensure full compliance with environmental, health and safety regulations. This includes development of hazard analysis and training videos or other media to provide information to ensure safe work practices for contractors.

- Provided consultation in the context of agency enforcement actions, regulatory citations and litigation assistance related to OSHA hearings and tort cases.

- Serves as adjunct faculty for the OSHA Training Institutes in Region 1 at Keene State College, Region 2 at the Rochester Institute of Technology, and Region 4 at the University of Southern Florida as an instructor for safety professionals seeking authorization to teach OSHA 10-hour and 30-hour programs for General Industry and Construction, and also teach other OTIEC classes including; Control of Hazardous Energy, Fall Protection, Silica Hazards, and Electrical Regulations.

- Wrote articles for publications including National Safety Council, National Fire Protection Association, Vermont Safety & Health Council, Incident Prevention Magazine, and various trade magazines.

- Designed and developed a comprehensive safety program trademarked STEP™ (Safety, Training and Empowerment Program). This program is people-focused with the employee participation as the cornerstone. Each employee is trained and empowered to work and act as a company safety representative starting with hazard recognition and protective measures and equipment determinations, then work procedures and safe work practices.

- Developed and wrote safety manuals and written programs for General Industry including manufacturing, tree trimming companies, electric utilities, utility construction companies and specialty companies requiring customized procedures such as a national car wash company and distilleries.

- Wrote and produced custom safety video training for electrical safe work practices.

- Developed eSafeTrak™ - a web-based Safety Tracking system for employers.

OSHA Training Institute Regions 1 at Keene State College
Adjunct Instructor, *January 2011 – present*

Lead instructor authorized by OTI Education Center, Region 1 to instruct the following OSHA courses: OSHA #3095; OSHA #7115; OSHA #511, OSHA #501.

OSHA Training Institute Regions 2 at Rochester Institute of Technology
Adjunct Instructor, *June 2018 – present*

Instructor authorized by OTI Education Center, Region 2 to instruct the following OSHA courses: OSHA #3095; OSHA #7115; OSHA #511, OSHA #501.

OSHA Training Institute Regions 4 at University of Southern Florida
Adjunct Faculty, *January 2019 – present*

Instructor authorized by OTI Education Center, Region 4 to instruct the following OSHA courses: OSHA #3095; OSHA #7115; OSHA #511, OSHA #501.

Previous Employment

Green Mountain Power Corporation

Environmental Health and Safety Manager, 1996-2002

Responsible for EPA, OSHA and DOT compliance for Green Mountain Power Corp. (GMP) which consisted of seven services centers, 11 generation facilities and 68 substations over a 200-mile radius in Vermont. Responsible for the safety of approximately 75 Line Workers, 15 Substation Electricians, 15 Power Plant Workers, 10 Electrical Technicians, 20 Meter Workers and 65 administration, engineering and system operations personnel. Through active facilitation of changes in programs and implementing effective committees, GMP incident and severity rates dropped by 40% within two years of taking on this task in 1996, and maintained the low rates. Mr. Marchessault successfully implemented the following:

- Updated and re-wrote the corporate safety manual including all regulatory OSHA requirements.

- Re-designed hazardous waste storage and transportation systems to simplify regulatory requirements. This included changing from a highly regulated Transfer, Storage and Disposal Facility (TSDF) to a much less regulated Small Quantity Generator (SQG) designation and also installed containment in all substations and transformer storage areas to comply with Spill Prevention and Countermeasures Controls (SPCC) requirements.

- Conducted or facilitated training in all district offices for each utility profession and document to maintain records for each employee. Employees were encouraged to participate as trainers for many programs.

- Developed and performed field audits for all electrical personnel to ensure safe work practices are followed and to support a sound safety culture.

- Re-designed the transmission and distribution switching and tagging procedures including new testing requirements for field personnel to demonstrate their understanding of equipment and procedures.

- Facilitated development of employee-oriented interactive programs including: Safety Committee, Standards Committee and Apprenticeship Committee. These committees effectively implemented training programs, policies, procedures, and provided consistent equipment purchases for all districts.

- Implemented new processes and protective equipment including pole hauling lights, cones for parking all smaller vehicles, 100% fall protection for climbing poles and structures, arc rated clothing including rain gear, chaps, new grounding equipment for every crew based on actual available fault current throughout the 200-mile system from 68 substations.

- Developed and implemented a formal equipment inspection programs to ensure personnel safety including vehicles (special emphasis on dielectric extendable booms), slings, rigging, hand tools, climbing equipment, grounding equipment, first aid kits, testing grounding equipment and hot sticks, fire extinguishers, and all personal protective equipment such as rubber gloves, sleeves, hoses or climbing equipment.

- Developed and implemented a “fit for duty” program to ensure that new employees are physically able to perform the work associated with a new

position and that employees who have been injured on or off the job are physically able to safely perform work before they return.

Electrician 1st Class A 1990 – 1996

- Substation and transmission construction and maintenance crew. Worked as Foreman for 115,000-volt electric substation work. Routinely worked on high voltage energized and de-energized parts. First isolating energized parts by opening switches under system operations control and tagging, then after receiving clearance, testing and installing temporary grounding equipment.

- Climbed poles and structures for construction and maintenance. Operated crane for construction and maintenance.

- Developed and conducted an electrical technical training program for meter personnel in 7 GMP districts throughout Vermont.

- Power plant electrical work from 130 volts (direct current – DC) to 13,800 volts (alternating current – AC). Installation and maintenance of all electrical equipment in the generation system and station service infrastructure, and installing or troubleshooting control circuitry.

- Perform substation equipment maintenance including filtering oil on high voltage breakers, checking and adjusting contact tolerances, and testing such as Doble, TTR, Oil Gas test, Meggar, Microhm, HiPot, and moisture testing on SF6 (sulfur Hexafluoride filled) breakers.

Meter Service Worker, Tester 1st Class, Specialist 1979 – 1990

- Perform customer oriented work including delinquent account collection, disconnects, water heater troubleshooting, high bill complaints, etc.

- Install electric meters and install current transformers and associated wire.

- Test meters for accuracy in a shop or field setting for single phase and three phase A-Base and S-Base meters. Program electronic meters.

- Perform power quality analysis including harmonics and power analysis.

- Supervise Meter Testers and schedule work.

Power Plant Assistant Operator 1978-1979

- Perform light maintenance on hydro, diesel and gas turbine electric generators.
- Perform switching and tagging including opening up switches and racking in and out breakers rated at 4,160 volts.
- Take applicable daily meter readings and river level readings.
- Inspect power plant to identify and control hazards.
- Assist power plant operator as necessary.
- Maintain outside grounds including plowing and mowing lawns.

Gregory Construction

Construction Laborer 1976 - 1978

- Mason Tender and steel worker for small commercial buildings.
- Operate backhoe and Pettibone lift.

Marchessault Construction

Construction Laborer (Part time) 1970 - 1976

- Framing and finish work on residential housing including framing, roofing, siding, sheetrock installation, and all other phases of new house construction.
- Use power hand tools such as power saws and drills, and both extension and step ladders.

Volunteer Positions

Vermont Utilities for Electrical Education, Inc. ("VUEE")

President and Founder 1998 – 2008

VUEE is a non-profit corporation dedicated to educating the Vermont public on safe electrical practices. The organization provided safety information to contractors, emergency responders, technical schools and elementary school children. Interactive training programs were delivered to every police and fire department and every school in the State of Vermont.

- Founded the organization by inviting representatives of the 22 Vermont utilities to meet and formulate a mission to improve safety for the Vermont public as it relates to the dangers of electricity.

- Facilitated the incorporation of the non-profit organization.

- Organized annual meetings, annual audits for the records, developed the logo and forms for expenses, and sent invoices to member utilities.
- Conducted training for more than 50 fire departments, over 30 schools including technical schools, and also police and rescue personnel throughout the state. Most programs were delivered in the evening.

- Facilitated a formal affiliation with Vermont OSHA (VOSHA) to work together to provide electrical safety training material to rescue personnel and construction companies throughout the state.

Civil Air Patrol

Safety Officer 1998 – 2000

The Civil Air Patrol is an arm of the US Air Force and conforms to all associated rules and regulations. The Vermont Wing consist of 4 Squadrons in various areas of the state. Each Squadron is assigned transport vans and most have at least one small plane. The mission of the Civil Air Patrol is to provide local search and rescue support for lost or missing persons or downed aircraft.

- Developed safety training requirements including implementing and conducting a Defensive Driving class for all drivers transporting cadets to functions or drills.

- Acted as safety officer for the search and rescue drills done using planes, vans, and all personnel including young cadets. Developed a new safety briefing form to keep safety on the forefront of the operation.

- Developed and implemented more strict inspection requirements for all planes and transport vans at each Squadron throughout the VT Wing owned by the Civil Air Patrol.

- Developed and performed regular documented facility inspections which initially revealed unsafe conditions. All identified safety concerns were written as a directive and mitigated quickly by Civil Air Patrol personnel sometimes assisted by Air Force personnel.

International Brotherhood of Electrical Workers Local 300

Union Steward 1980 - 1995

- Represented union employees to support a safe and compliant work environment. This included determining if complaints were valid and if so filing grievances with management for alleged contractual violations.

Negotiating Committee member 1983 – 1995

- Represented union employees on the contract negotiating committee every 3 years from 1983 to 1995. This often included researching OSHA standards to justify certain proposals submitted.

Vice-Chairman of IBEW Local 300 Unit 7 1992 - 1996

- Provided leadership at union meetings using *Roberts Rules* as a guide and assisted the Chairman with work associated with items brought up by members at the meetings.

National Safety Council Utilities Division

Utilities Division Newsletter Editor 1998 - 2008

Electric Council of the Northeast

Chairman, Safety and Occupational Health Committee 1998 - 2002

Education

- Johnson State College, Johnson, Vermont - Bachelor of Science, General Studies, Summa Cum Laude, May 2005

  Concentration: Behavioral Psychology, Interpersonal Communications

- Community College of Vermont, Burlington, Vermont – Associate of Science, Business Administration, May 1996

  Concentration: Business

- Champlain College, Burlington, Vermont – Continuing Education, 1987-1990

  Concentration: Electrical Engineering, Electrical Theory

- State of Vermont Electrical Apprenticeship Program 1980 - 1984

  Electrical Apprenticeship Classes (500 hours); Concentration – National Electrical Code (NEC)

- State of Vermont Power Plant Operator Apprenticeship Program 1978 – 1980; Concentration – Plant Operations, Basic Electricity Course; Use of Personal Protective Equipment, Switching and Tagging, Basic Hydraulics.

Credentials, Certifications and Licenses

- Electrician License; State of Vermont #EJ-2793.
- Certified Utility Safety Administrator CUSA #777061 (National Safety Council)
- Certified Utility Safety Professional CUSP #60408 Green (Utility Safety Ops & Leadership Network)
- Authorized Trainer for OSHA 10 and 30-Hour for General Industry
  Valid through 2025 Authorization #11-079254
- Authorized Trainer for OSHA 10 and 30-Hour for Construction
  Valid through 2025 Authorization #11-105452
- Keene State College Adjunct Faculty
  OSHA Training Institute Education Center Region 1 Instructor
- Rochester Institute of Technology Adjunct Faculty
  OSHA Training Institute Education Center Region 2 Instructor
- University of Southern Florida Adjunct Faculty
  OSHA Training Institute Education Center Region 4 Instructor

Certificate Courses (Certificates Available)

- OSHA 3095 Electrical Safety Standards 26-hour Instructor Certificate
  US Department of Training and Education, October 1-5, 2018
- OSHA 7215 Silica in Construction and General Industry DTE Instructor Certificate US Department of Training and Education, October 1, 2018
- OSHA 3115 Fall Arrest Systems, 20-hour, October 10-12, 2017
- Adult Learning Techniques 4- hour June 2017
- Training Techniques in Electrical Transmission and Distribution, Instructor Certificate, US Department of Training and Education, 16-hour, February 2014

- OSHA 2055 Crane in Construction, 24-hour, October 2015
- Incident Investigation and Root Cause, Taproot, 16-hour, September 2013
- Adult Learning Techniques 4- hour June 2013
- Expert Witness Course, SEAK, Inc., 16-hours, August 2011 and November 2016
- Understanding Time Current Curves for Electrical Analysis, NETA, 8-hour February 2011, Washington, DC
- Electrical Workplace Safety Train-the-Trainer, 40 hour, E-Hazard, October 2006, Las Vegas, NV
- Electric Utility Observer Accreditation, National Rural Electric Cooperative Association, 8-hour March 2004, Montpelier, Vermont.
- Certificate in Environmental, Health, and Safety Law, Institute for Applied Management and Law, 30 hours, November 2000, Washington, DC.
- Vehicle Grounding and Equipotential Grounding, Electric Council of the Northeast, 8-hours, May 2002, Danvers, MA.
- Confined Space, Industrial Hygienics, 8-hours each, September 1993; Refreshers 1997 and 2000, Colchester, Vermont.
- Hazardous Waste Operations, Industrial Hygienics, 40 hours, December 2001; Refresher 8-hours, Jan 2010, Williston, Vermont.
- Hazardous and Toxic Waste Management Program, 8-hour, July 1999, Nashville, TN
- Using Behavior-Based Safety, Utility Safety Conference, April 1999
- Behavior-Based Observations, 8-hour, Maine Safety & Health Council, September 1998

- DOT Compliance Regulations, Transportation Network Training, 8-hours each, January 1997, Nov 1999, Dec 2003

- DOT Hazardous Materials Course, Transportation Network Training, 8-hours each, June 1997, March 1998
- Utility Safety, Safety and Health Institute EEI, 3 days, May 1997

- Fleet Safety Training, 8 hours, September 1997

- Group Facilitation Course 48-hour, GMP, Colchester, Vermont, January 1997

- Corporate Learning Course, US Air Force, Correspondence 3 months, Completed December 1998

- Meter Training Course, 8-hour, General Electric, Durham, NH, August 1989

- Intermediate Meter Couse, Electric Council of the Northeast, Nashua, NH 3-days, March 1997

- IBEW Steward Training Course, 8-hours, Boston 1982

Safety and Compliance Courses Presented

- Accident/Incident Investigation (basic -2 hrs. and advanced - 8)

- Aerial Rescue: Poletop, Bucket Truck (4 hours) Tower (16 hours)

- Aggressive Animals: Recognition and Response

- Aerial Lift Platforms (OSHA/DOT)

- Bloodborne Pathogens

- Compressed Gas Safety

- Control of Hazardous Energy (Lockout/Tagout) –(4 hours)

- Confined Space - (8 hour)
- Confined Space Entry Rescue (Refresher)
- CPR, First Aid, AED (6 hours) *American Red Cross*
- Crystalline Silica Hazards
- Defensive Driving (4 hours) *National Safety Council*
- Developing Effective Safety Committees and Action Teams
- DOT, Drug & Alcohol, Rules & Regulations, Supervisor
- DOT Reasonable Suspicion, Supervisor
- Electrical Safe Work Practices, Qualified 8-hr, based on OSHA 29 CFR 1910 Subpart S and NFPA 70E, Medium Voltage 16-hr, Awareness 4-hr
- Electrical Safety Training for Utility Personnel 8-hr, based on OSHA 29 CFR 1910.269 and National Electrical Safety Code (NESC).
- Employee Safety Audits
- Evacuation Plans & Training
- Ergonomic Awareness Training including Proper Lifting
- Facility Inspections and Compliance
- Fall Protection for Substation and Transmission Tower Work.
- Fire Prevention & Fire Extinguishers
- Flammable Material Handling
- Forklift Operations (4 hours plus hands-on) *National Safety Council*
- Gantry Crane Use and Inspection

- Grounding of De-energized Electrical Equipment for Personal Protection (Medium and High Voltage)
- Hand & Portable Power Tools
- Hazard Communications (2 hours)
- Hazardous Materials Operations; Spill Response EPA Spill Prevention Controls and Countermeasures (SPCC) for substations and transformer spills, and Toxic Controls and Substance Act (TSCA) covering PCB identification and handling.
- Hazardous Waste Management. EPA Resource Conservation and Recovery Act (RCRA)
- Hearing Conservation
- Injury Management Skills for the Employer
- Inspections, Citations & Proposed Penalties
- Job Safety Briefings & Hazard Analysis
- Kilowatt-hour Meter Safety
- Ladder Safety
- Lead Safety
- Lockout/Tagout; Control of Hazardous Energy, Authorized, 8-hour
- Lockout/Tagout; Control of Hazardous Energy, Affected and Other(4 hours)
- Machine Guarding
- Material Handling & Storage
- 10 hour – Construction Outreach Program

- 10 hour – General Industry Outreach Program
- 30 hour – Construction Outreach Program
- 30 hour – General Industry Outreach Program
- OSHA 511 General Industry Standards Course
- OSHA 501 and 503 General Industry Outreach Trainer Courses
- OSHA 7115 Lockout Tagout
- OSHA 7300 Permit Required Confined Space
- OSHA 3095 Electrical Standards 4-day class
- Keene State College NCSH 470 NFPA 70E
- Keene State College NCSH 472 UCOP
- Keene State College NCSH 473 UCOP Trainer
- Keene State College NCSH 474 Medium Voltage
- Keene State College NCSH 475 Electric Transmission and Distribution
- OSHA Record Keeping Requirements
- Personal Protective Equipment, Hazard Assessments
- Pole-top Rescue (using fall restraint system)
- Respiratory Protection and Qualitative Fit-Testing (4 hours plus fit test)
- Safety Orientation Program
- Slings and Rigging

- Slips, Trips and Falls
- Snow Removal Equipment Safety
- Substation Electrical Safety
- Walking & Working Surfaces, Protection from Falls and Falling Objects
- Welding, Cutting & Brazing Safety Awareness
- Workplace Violence Awareness and Prevention
- Workzone Safety, Flagger Safety - MUTCD (4-8 hours)

Publications (Copies upon Request)

- Operational Risk Management With a Twist
  Incident Prevention Magazine, June 2021
- Field Observations: A Proactive Safety Methodology
  Prevention Magazine, December 2019
- How Safe Is Your Facility's Electrical Infrastructure?
  Bureau of Legal Report's Facility Management Advisor February 2019
- Are Your Substations Safe?
  Incident Prevention Magazine, December 2018
- Gloving: Proper Insulate and Isolate Techniques
  Blog to municipal utilities, Posted 2017
- Making Sense of Protection Requirements for Open-Air Arc Flash Hazards,
  Incident Prevention Magazine, June 2017
- Properly Securing Equipment on Vehicles is Serious Business, Incident Prevention Magazine, January 2016

- Making Sense of Electrical PPE for Water Utilities, NEWWA Journal, February 2015

- Field Personnel Observations – Proving Safety First Works, Incident Prevention Magazine, October 2013

- Assessing Arc Flash Hazards, ASSE Newsletter and MN Safety Council, March 2013

- Making Sense of Electrical PPE, ASSE Newsletter March 2012

- People Focused Safety; Incident Prevention Magazine March 2010
- How Safe Are Your Ground Grids, Incident Prevention, December 2009

- Letters from the Editor and several articles, NSC Utilities Division Newsletter 1998-2008

- Substations: The Dangers Within, Incident Prevention Magazine, April 2007

- The Big NFPA 70E Scare, National Safety Council March 2006

- How's Your Company's Safety Program Working? NSC Utilities Division Newsletter December 2005

- Fall Protection by the Numbers; Incident Prevention Magazine February 2005

- NFPA 70E: Electricians, Get with the Program, NFPA Journal, 2005

Public Speaking

- American Society of Safety Professionals (ASSP), Virtual Presentation
  Human Performance Factors: Operational Risk Management for Electric Utilities
  April 2021

- Incident Prevention, Virtual Class Series (4), Electrical Safety for… Meter, Generation, Line Clearance Tree Trimmers and Telecom Workers;
  2020-2021

- American Society of Safety Professionals (ASSP), Virtual
  Understanding the complexity of OSHA Electrical Regulations and Associated 2021 NFPA 70E Standards Update; December 2020

- Bureau of Legal Reports, Virtual, Arc Flash Hazards: Using NFPA 70E to Protect Employees and Meet OSHA Electrical Safety Requirements Bureau of Legal Reports, May 2020

- Incident Prevention Conference, Charlotte, NC, Field Observations: Proactive Methodology to Ensure Maximum Safety; November 2019

- National Safety Council Conference, San Diego, CA, The Importance of Performing an Arc Flash Engineering Study; September 2019

- National Fire Protection Association Conference, San Antonio, TX, The Role of Electrical Equipment Maintenance in Workplace Safety; June 2019

- American Society of Safety Professionals (ASSP), Webinar
  Substation Safety and Human Performance Factors; April 2019
-
- Caterpillar Safety Conference, Vancouver, CAN, Electrical Safety for Electrical Generators Technicians; April 2019

- American Society of Safety Professionals (ASSP), Southbridge, MA
  Changes to the NFPA 70E Standards for Electrical Safety; Nov 2018

- Incident Prevention Conference; Orlando, FL
  Importance of Conducting Substation NESC Audits; November 2018

- National Safety Council Congress (NSC); Houston Texas
  Fall Protection Tower Rescue Techniques; October 2018

- NEPPA Municipal Utility General Managers Annual Meeting
  OSHA Requirements for Municipal Electric Utilities; July 2018

- National Fire Protection Association (NFPA) Conference; Las Vegas, NV
  NFPA 70E: What Qualified Electrical Workers Need to Know June 2018

- Caterpillar Safety Conference; Williamstown, VA
  Electrical Safety for D7E and Paver Mechanics May 2018

- Northeast Public Power Association (NEPPA) Leadership Conference, Keynote Speaker, Due Diligence for Utility Decisionmakers December 2017

- National Fire Protection Association (NFPA) Conference; Boston, MA, NFPA 70E Electrical Safety Program Requirements: A New Emphasis on Maintenance June 2017

- American Society of Safety Engineers (ASSE), Professional Development Conference, MA, Breaking Down the Complexity of Electrical Safety Standards 2017

- National Fire Protection Association (NFPA) Conference; Las Vegas, NV, NFPA 70E: Conducting an Effective Electrical Safety Program Audit, 2016

- Caterpillar National Safety Conference; Various international locations, Electrical EPG Safety Topics, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017

- Southeast Meter Association Conference Orlando, FL. – Keynote Speaker Safety is not Just a Word 2015

- Northeast Waterworks Association, Massachusetts: Changes in NFPA 70E Electrical Standards 2015

- Maine Safety Council: Conducting Effective Electrical Safety Audits 2015

- National Safety Council Congress: Various national locations, Electrical Safety-Related Topics. 1998, 2001, 2002, 2003, 2005, 2007, 2008, 2009, 2010, 2011, 2013, 2014, 2015, 2016, 2017

- OSHA Safety Summit, Amherst, CT: Update on Electrical Regulations 2014, 2015

- Minnesota Safety Council: Conducting Effective Electrical Program Audits 2014 and 2016

- Incident Prevention Conference, Various national locations; Fall Protection for Utility Substation Workers 2007, The Value of Field Personnel Audits 2012, Safe Work Practices for Meter Personnel 2015, Effective Safety Techniques for Substation Personnel 2016, 100% Fall Protection; Is it Possible 2017

- Utility Safety Conference 2006, Benefits of Performing Personnel Safety Audits.

- Texas Safety Council 2006, 2014 NFPA 70E Update
- Vermont Safety & Health Council: Topics on Behavioral Safety, Leading Indicators and Electrical Safety 1998, 1999, 2000, 2001, 2008, 2010, 2013

- Electric Council of the Northeast, Massachusetts: Electric Utility Safety Topics 1998, 1999, 2000, 2001, 2002, 2004

- Northeast Public Power Authority Safety Conference:
  Leading Indicators for Tracking and Trending Safe Work Practices 2007, Keynote Speaker 2010

Professional Affiliations and Memberships

- National Safety Council – NSC

- American Society of Safety Engineers – ASSE

- National Fire Protection Association – NFPA

- Northeast Electric Public Power Association – NEPPA

- Vermont Safety and Health Council – VSHC

Legal Assistance Work

Legal assistance includes expert opinion consultation, reports, depositions, and testimony – references upon request.

Testimony Submitted and other Representation Activities

- Have investigated injuries or fatalities, provided guidance on data collection for potential litigation related to OSHA regulations, applicable standards, and provided written reports for legal support.

- Testify before the VT Public Service Board Docket No. 6763. Case: IBEW vs. Verizon 2003

- Submit Testimony: Occupational Safety & Health Administration, Docket No. S-215, Mar 2006. Testify in association with submitted testimony, Washington DC, Mar 2007 Fall Protection for Pole Climbing. (See preamble, Docket No. OSHA-S215-2006-0063 RIN 1218-AB67 pages 323-350)

- Represent Wash Depot Holdings, Inc at OSHA informal conference, OSHA Region 1, Massachusetts 2007, 2017, 2018, 2019

- Submit Testimony: U.S. Department of Transportation, Federal Motor Carrier Safety Administration, Docket No. 97-350, Nov 2004.
  Testify, Hours of Service, US DOT Hearing, Hartford, CT., October 2005

- Assist various legal teams with civil litigation cases throughout the US. References with permission.